

Monomoy FY20 DRAFT Budget

January 31, 2019

Scott Carpenter, Superintendent
Katie Iernio, Business Manager



Budget Timeline Process

ACTIVITY	DATE
Meetings with Town Managers and Finance Directors: Monomoy, Chatham, & Harwich	Monthly and ongoing
Principals and Administrators input FY20 DRAFT Budget information	October 11, 2018
Budget meetings with each Principal and Athletic Director	November 1 through 18, 2019
Meetings with MRSC Budget subcommittee	December 19, 2018 January 10, 2019
First DRAFT Budget to School Committee	December 13, 2019
Budget Discussion at School Committee Meeting	December 13, 2018
Budget Discussion at School Committee Meeting	January 10, 2019
First Draft Budget provided to Towns and placed in Libraries	January 15, 2019
Budget Presentation at School Committee Meeting	January 31, 2019
Presentation to Harwich BOS and FinCom	February 4, 2019
Community Forum at the Harwich Community Center	February 5, 2019
Presentation to Chatham BOS and FinCom	February 11, 2019
FY20 MRSC Budget Public Hearing	February 12, 2019
FY20 MRSC Budget Vote	March 14, 2019
Submit MRSC approved FY20 budget to both Towns	March 15, 2019
Harwich Town Meeting	May 6, 2019
Chatham Town Meeting	May 13, 2019

Monomoy FY20 DRAFT Budget

The 30,000 foot view

- ◆ Significant unavoidable and unpredictable Special Ed Out-of-District (OOD) driver, resulting in an overall 3.0% budget increase
- ◆ Without the OOD increase, the remainder of the **budget increases at 1.96%**
- ◆ Reduced staff budget, without reduction in services or any programs
- ◆ Health insurance, bus transportation, and contract negotiations have help support this low budget increase
- ◆ The declining number of children in Chatham is largely responsible for a minimum contribution shift towards Harwich

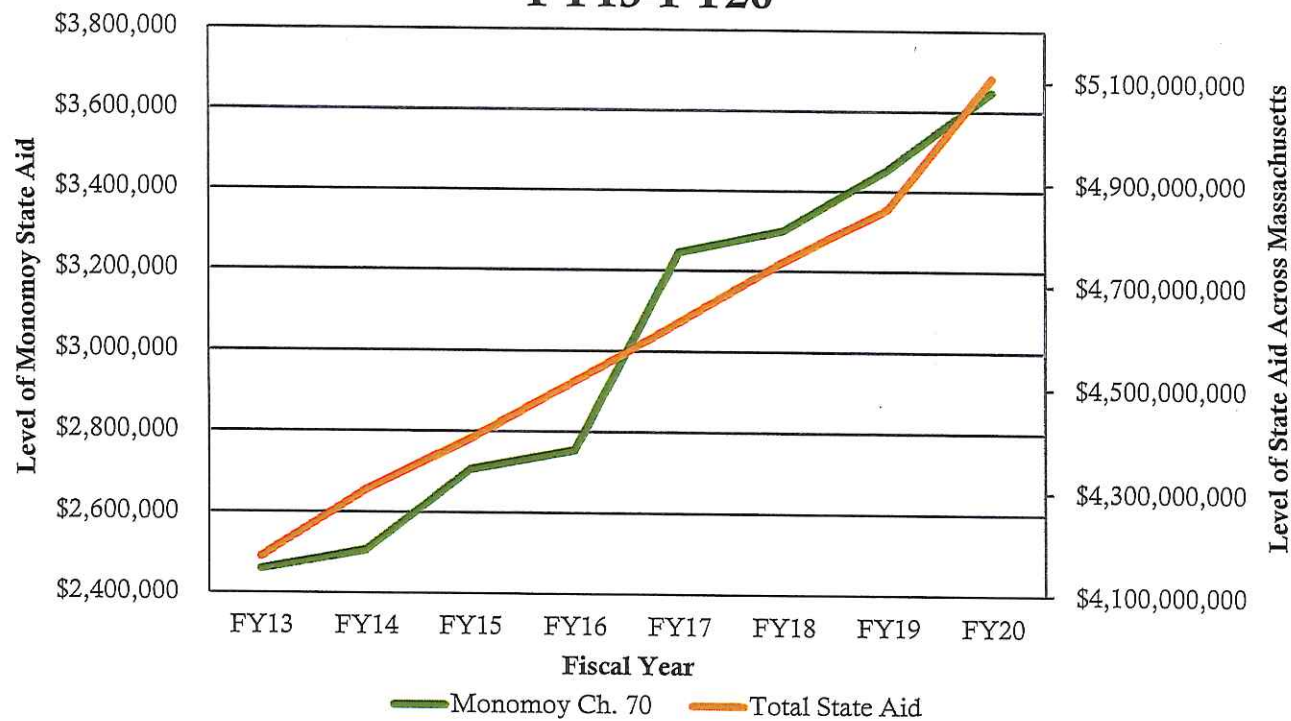
State Aid and Minimum Required Contribution

Chapter 70 Statutory Funding

- ◆ Chapter 70 is the Commonwealth's formula which defines the "foundation budget," the amount which needs to be spent to provide children an adequate education – this can vary based on the demographics and programs offered in districts. The foundation budget is adjusted annually by an "inflation factor."
- ◆ Within this formula is a minimum required contribution, based on a city or town's fiscal ability to provide its children an adequate education. The minimum required contribution is based on a combination of property value and income within the community. The minimum required contribution is adjusted each year by the Municipal Revenue Growth Factor, determined by the State, which is a measure of a community's change in annual revenues.
- ◆ Chapter 70 Aid from the state augments the community's "required minimum contribution" to bring the minimum school funding up to an adequate level (the foundation budget). Many municipalities, like Chatham and Harwich, choose to spend more on schools than their minimum required contribution.
- ◆ Foundation Budget = Minimum Required Contribution + Chapter 70 Aid

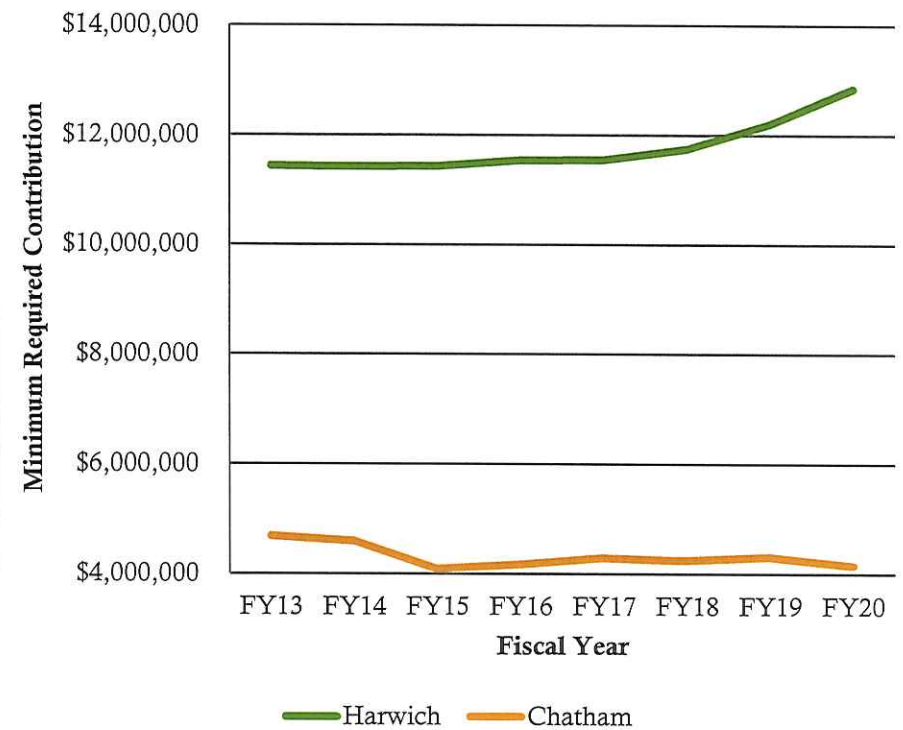
State Aid Trends

**Trajectory of Chapter 70 State Aid
FY13-FY20**



Minimum Required Contribution Trends

Minimum Required Contribution Trends FY13-FY20

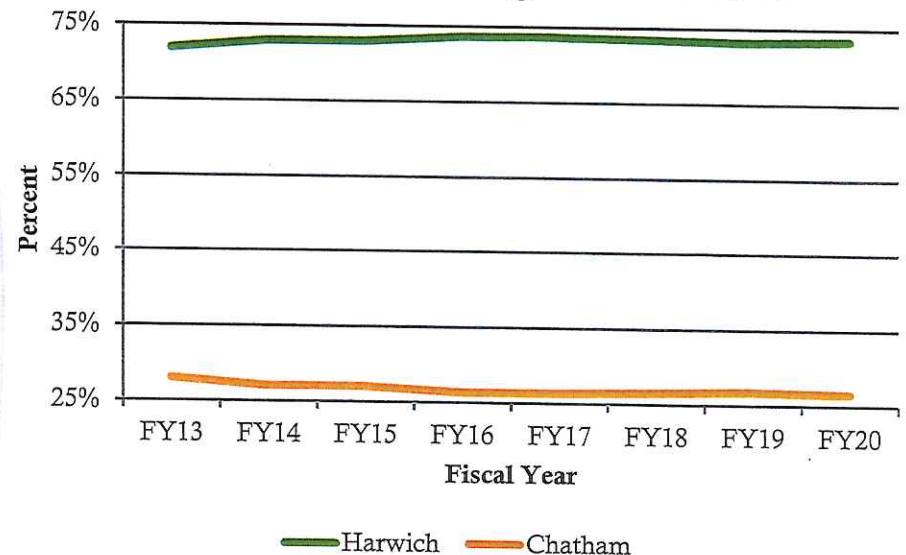


Foundation Enrollment Trends

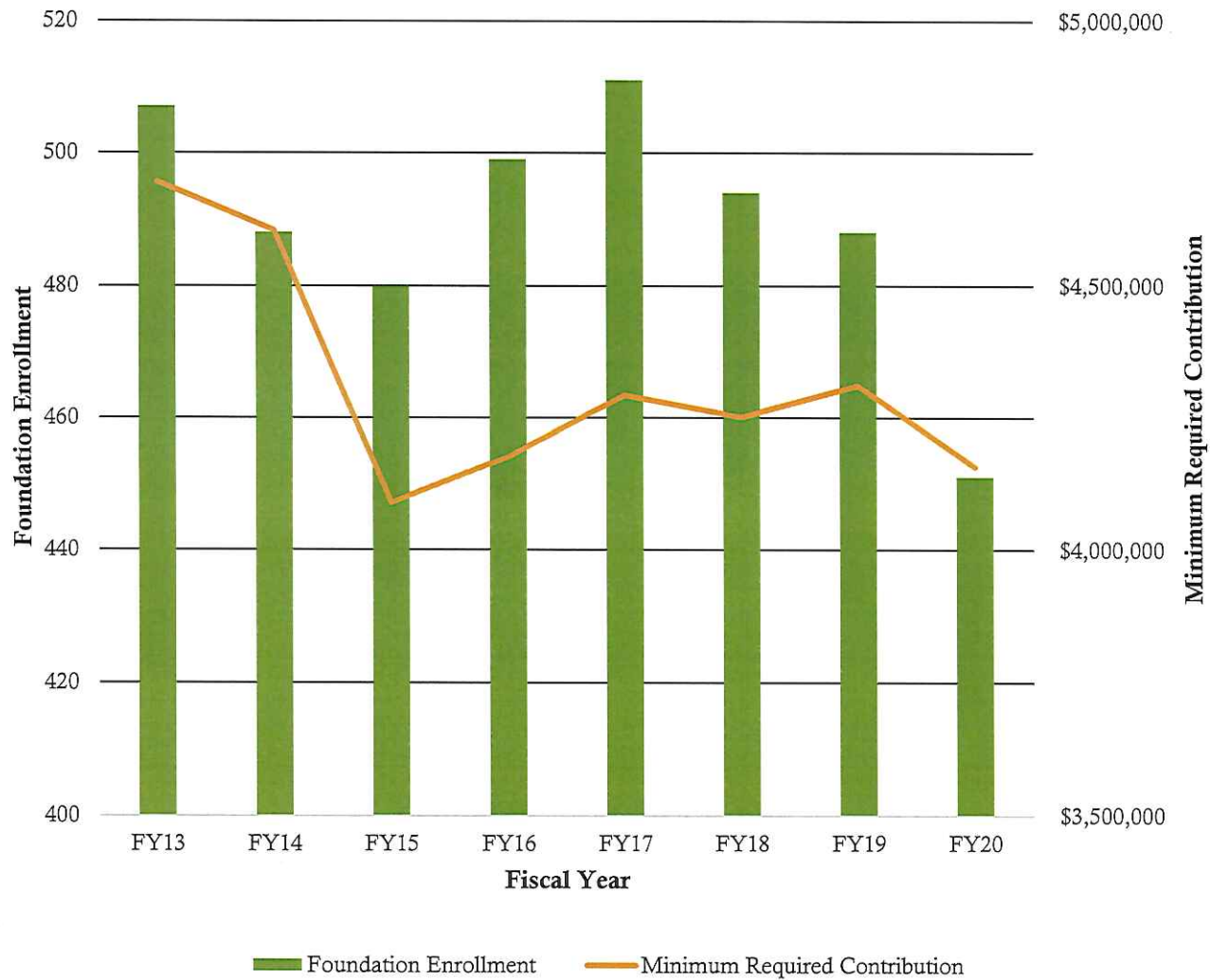
The three-year rolling average for foundation enrollment is used to calculate the Assessment -- this does not include school choice students coming into the district. Foundation enrollment does include school choice students, attending other districts and charter schools, who live in Chatham and Harwich.

Behind the FY20 Budget is a three-year rolling average enrollment split 73.45% Harwich and 26.55% Chatham.

Three-Year Rolling Average of Foundation Enrollment Percentages FY13-FY20 Used in Calculating Assessments

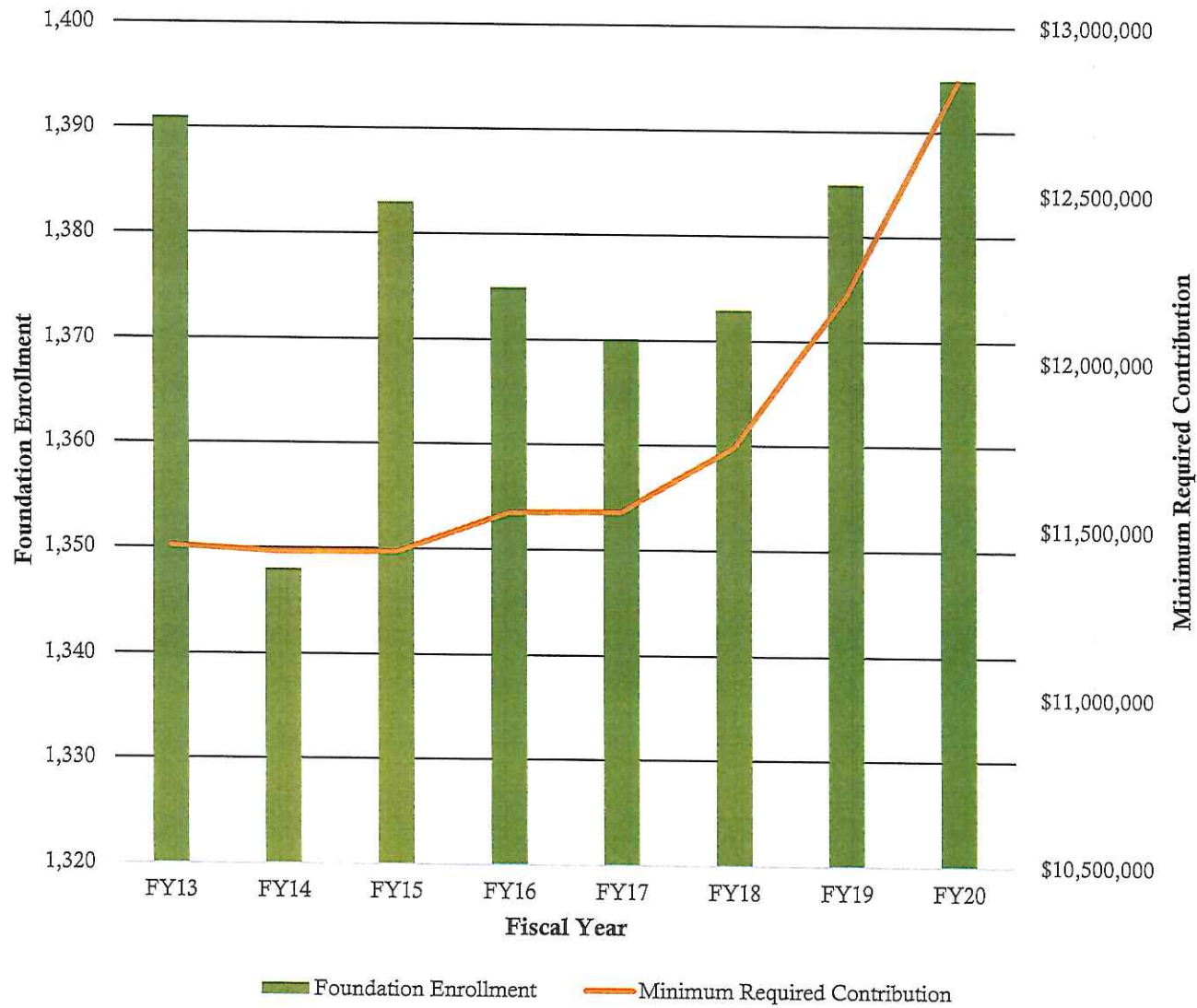


Chatham Foundation Enrollment vs. Minimum Required Contribution FY13-FY20



Chatham

Harwich Foundation Enrollment vs. Minimum Required Contribution FY13-FY20



Harwich

Guidelines and Assumptions

Budget Development Guidelines

- ◆ Support the district's Mission Statement
 - ◆ *Monomoy Regional School District is a community of learners of all ages focused on building knowledge, positive character, and resiliency in a safe, supportive, creative, and challenging environment*
- ◆ Support advancement of the district's new 2018-2022 Strategic Plan Objectives
 - ◆ Expand Community Engagement and Partnerships
 - ◆ Strengthen Social and Emotional Well-Being
 - ◆ Close the Achievement Gap
 - ◆ Improve Curriculum, Instruction and Assessment for All Learners
- ◆ Maintain programs across the grade-levels and educationally supportive class size guidelines of 19 ± 2 students per class at the middle & high school level 18 ± 1 at the elementary level
- ◆ Complementary to the budgets and fiscal circumstances of the Towns of Chatham and Harwich.

FY20 Budget Assumptions

This is a Reduced Staff Budget with Level Services

- ◆ Projected level enrollment for the upcoming fiscal year, in light of a 58 student decline since FY16
- ◆ Where appropriate, reduce staffing to mirror the enrollment decline, without impacting the educational program
- ◆ Advance staff with contractually-obligated steps and lanes
- ◆ Ratification of the agreement reached with the Monomoy Regional Education Association (Units A & B, anticipated vote on February 12)
- ◆ Chapter 70 State Aid using the FY20 Governor's numbers 1/23/19
- ◆ Minimum required contributions for each town as posted on DESE website 1/23/2019
- ◆ Three-year rolling average for Transportation shifts modestly towards Harwich by .11%
 - ◆ 25.70% (C) 74.30% (H)
- ◆ Three-year rolling average for Operations and Debt shifts modestly again towards Harwich by .20%
 - ◆ 26.55% (C) 73.45% (H)
- ◆ District's OPEB funding at same level as FY19 at \$100,000

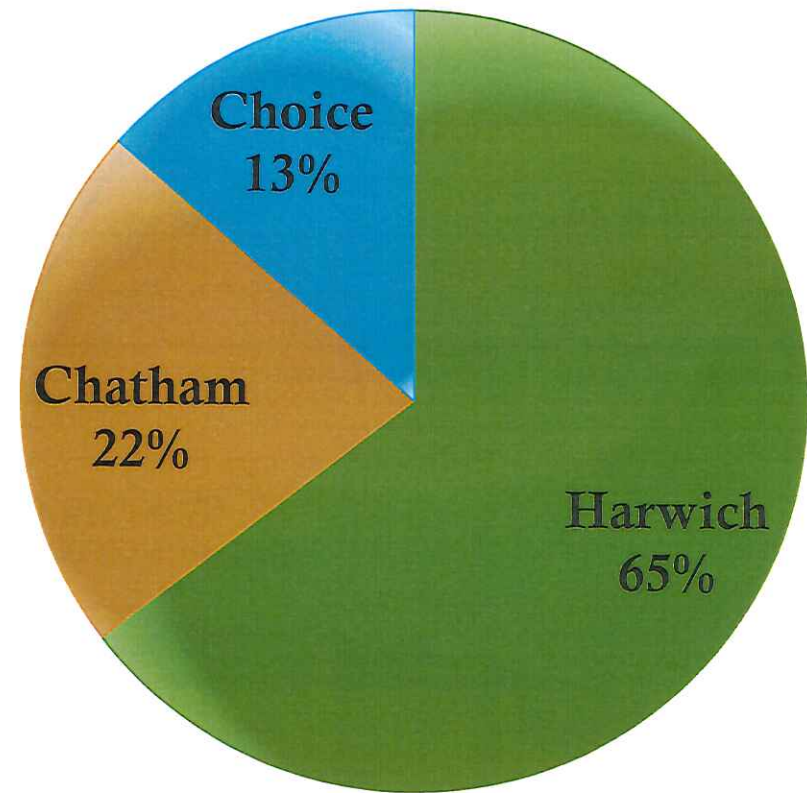
Important Factors Behind School Budgets

- Enrollment
- Class Size
- Staffing
- Out-of-district Placements
- School Choice and Charter School

District Enrollment

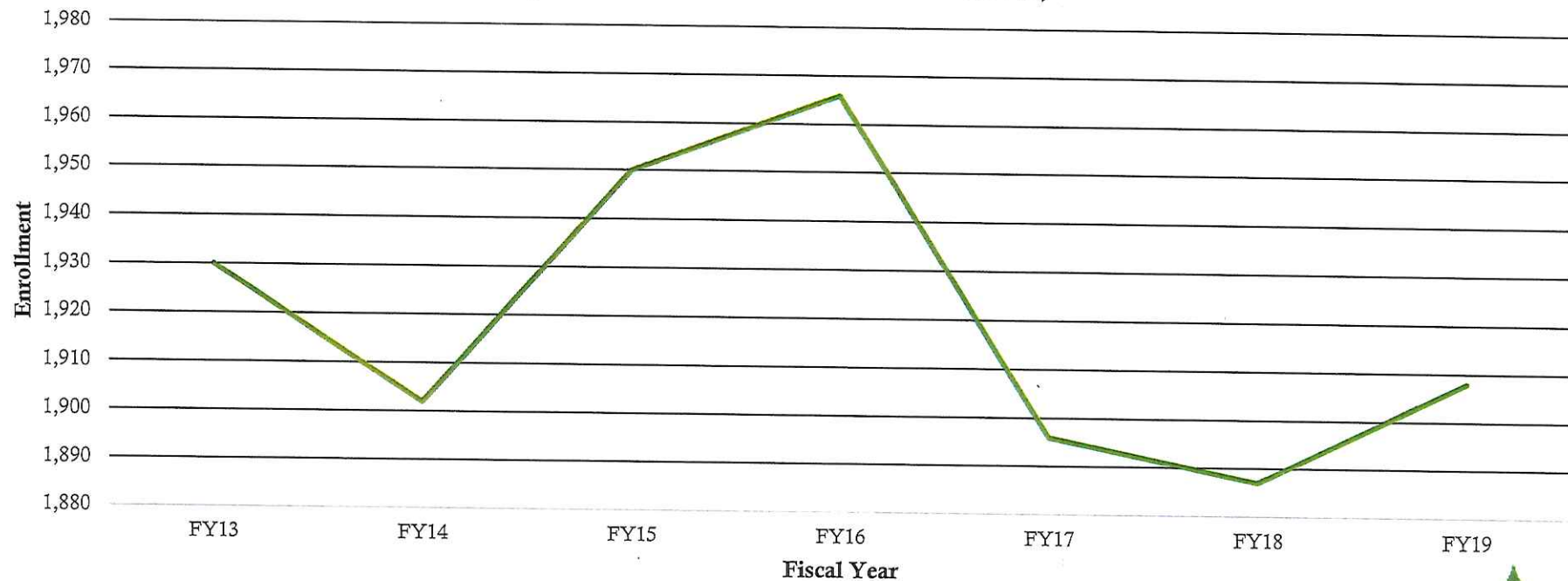
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Monomoy Enrollment 2018-2019



District Enrollment Trend

**Monomoy October 1 Enrollment FY13-FY20
(includes Preschool and SPED 18-22)**



There has been a 58 student reduction in students attending Monomoy schools since FY16, which mirrors the overall decline in school-aged children on the Cape. The staff reduction in the FY20 Budget parallels the decline in students, maintaining level services and all programs and opportunities.

Staffing Comparisons

FTEs by Category	FY20	FY19 Budget	FY18	FY17	FY16	FY15
School Building Administration	8.0	8.0	8.0	8.0	8.0	8.0
Unit A - Teachers	188.7	190.4	190.4	190.4	191.8	196.0
Unit A - Nurses	5.5	4.5	4.5	4.5	4.5	4.5
Unit B - Instructional Assistants	61.7	68.4	68.4	68.4	67.5	67.7
Unit B – Administrative Assistants	11.8	12.0	12.0	12.0	12.0	12.0
Custodians/Facility Director	20.0	20.0	20.0	20.0	20.0	19.5
Food Services/ Food Service Director	12.0	12.0	12.0	12.0	12.0	13.0
Network Technicians	3.5	4.0	4.0	4.0	4.0	4.0
Program Managers	3.0	3.0	3.0	3.0	3.0	4.7
District Administration	6.0	6.0	6.0	6.0	6.0	6.0
District Administrative Support	7.0	7.0	7.0	7.0	8.0	8.0
District-wide Positions	<u>4.0</u>	<u>4.4</u>	<u>4.4</u>	<u>4.4</u>	<u>3.0</u>	<u>3.0</u>
<i>*The distribution of these FTE may shift slightly between categories</i>	*331.2	*339.7	339.7	339.7	339.8	346.4

Anticipated Average Class Sizes

2019-2020

Chatham Elementary

Kindergarten	17
1st Grade	17
2nd Grade	15.5*
3rd Grade	14
4th Grade	21*

Harwich Elementary

Kindergarten	18*
1st Grade	18*
2nd Grade	18
3rd Grade	16
4th Grade	20.5

Monomoy Regional Middle School

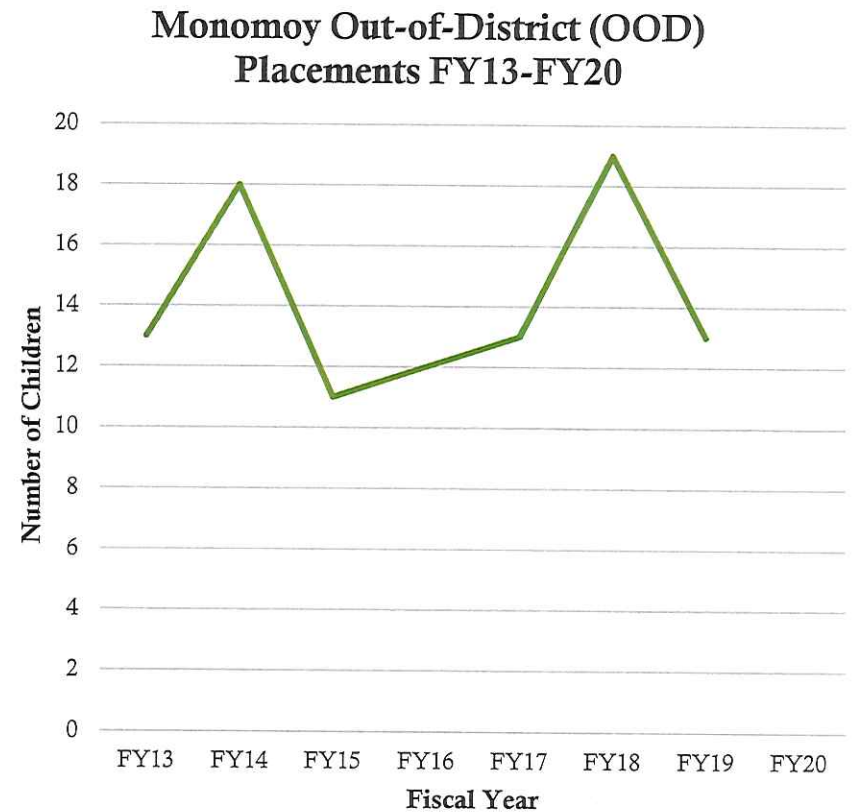
5th Grade	18
6th Grade	16
7th Grade	17

Monomoy Regional High School

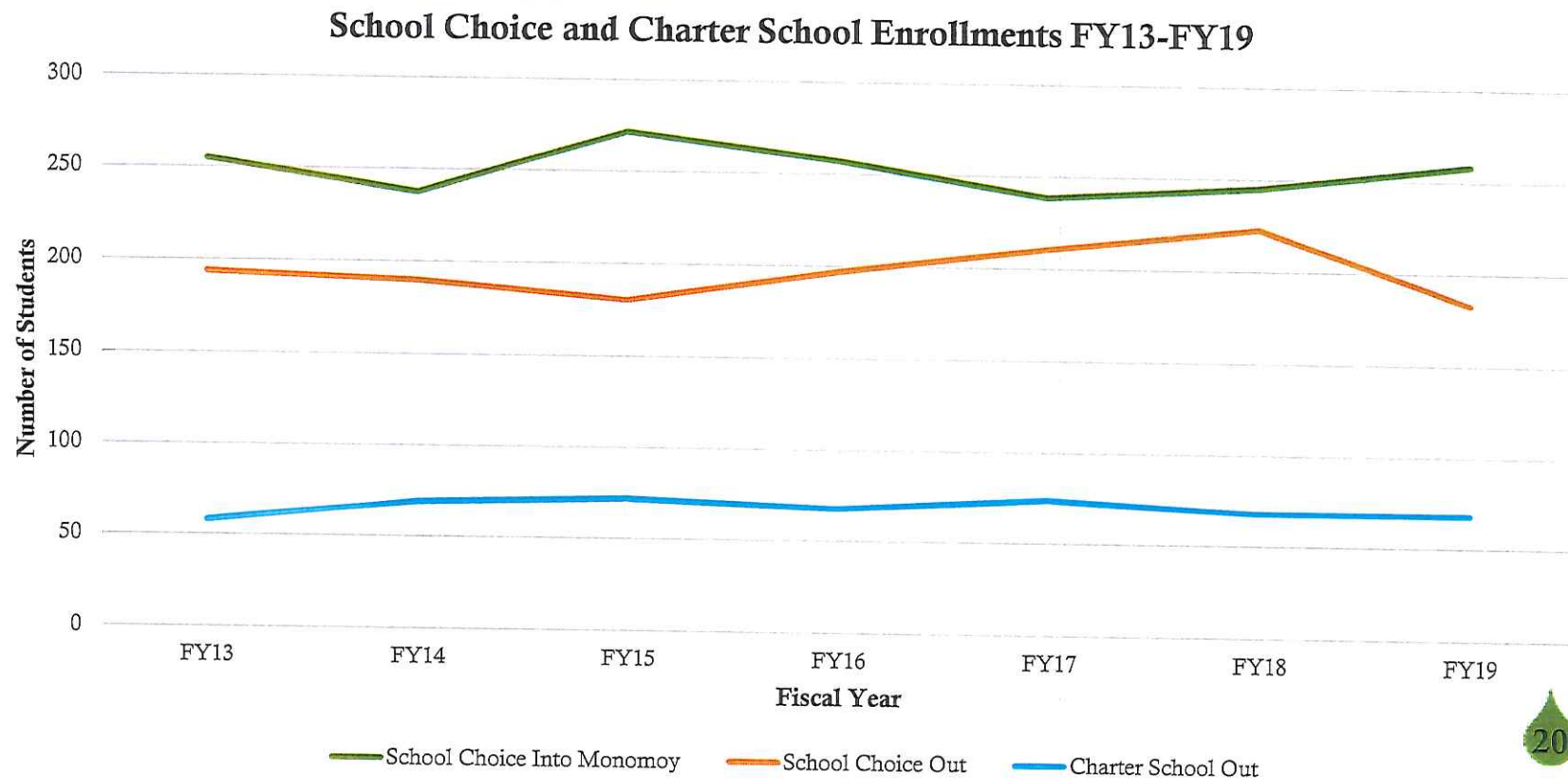
8th Grade Core Academic	16
Grades 9-12 Core Academic	15-18

*Indicates resulting class size with
FTE reduction at grade level

Special Education Out-of-District Trends



School Choice and Charter School Enrollment Trends



Budget Offsets & Expenses

- Excess & Deficiency
- School Choice
- Circuit Breaker
- School Choice and Charter School Tuitions

Excess and Deficiency

At the end of every fiscal year, any surplus or deficit in the district's general fund are closed out to the Excess & Deficiency fund (E&D). These are certified by the Department of Revenue annually. If the certified balance exceeds 5% of the proposed budget, the regional school committee must use the amount in excess of 5% as a revenue source to offset its proposed budget.

Fiscal Year	E&D	E&D Used	Fiscal Year offset by E&D (2 years later)
FY13	\$514,648		
FY14	\$1,401,630	\$600,000	to support FY16 Budget
FY15	\$967,615	\$331,821	to support FY17 Budget
FY16	\$1,665,707	\$371,326	to support FY18 Budget
FY17	\$1,891,678	\$705,000	to support FY19 Budget
FY18	\$1,592,984	\$550,000	proposed to support FY20 Budget

School Choice

School Choice	FUND BALANCE	FY13	FY14	FY15	FY16	FY17	FY18	FY19 Projected	FY20 Projected
Chatham	\$364,000.00								
Harwich	<u>\$1,101,261</u>								
School Choice Revenue	\$1,465,261	\$1,555,378	\$1,507,345	\$1,683,336	\$1,508,000	\$1,359,051	\$1,352,531	\$1,414,608	\$1,352,531
School Choice Expenditures		\$1,817,251	\$1,563,244	\$2,548,062	\$1,474,350	\$1,407,001	\$1,385,274	\$1,259,000	\$1,259,000
Projected Balance									\$484,859

Circuit Breaker

Circuit Breaker	FUND BALANCE	FY13	FY14	FY15	FY16	FY17	FY18	FY19 Projected	FY20 Projected
Chatham	\$44,909								
Harwich	<u>\$147,903</u>								
Circuit Breaker Revenue	\$192,812	\$454,141	\$525,197	\$492,116	\$348,691	\$359,035	\$186,150	\$191,000	\$191,000
Circuit Breaker Expenditures		\$420,408	\$598,902	\$463,934	\$323,316	\$276,762	\$241,025	\$191,000	\$191,000
Projected Balance									\$233,796

Tuitions Out

General Fund Expenses	FY13	FY14	FY15	FY16	FY17	FY18	FY19 Projected	FY20 Projected
School Choice Tuitions	\$1,072,669	\$1,062,677	\$1,052,745	\$1,474,350	\$1,287,193	\$1,387,208	\$1,287,193	\$1,216,326
Charter School Tuitions	\$707,868	\$996,558	\$1,052,136	\$1,055,982	\$1,218,017	\$1,146,649	\$1,218,017	\$1,218,017
	\$1,780,537	\$2,059,235	\$2,104,881	\$2,530,332	\$2,505,210	\$2,533,857	\$2,505,210	\$2,434,353

FY20 Budget Drivers over the FY19 Budget

- Increases in contractually obligated lines
- Continuation of strategic initiatives
- New strategic improvements

Budget Obligation Drivers

Staff Contractual Obligations	\$369,000
Out-of-District Special Education Tuitions	\$432,500
Health Insurance Retiree – 3.7%	\$35,780
Insurance – Unemployment, Property, Liability, Workers Compensation	\$202,724
Barnstable County Retirement	\$77,220
Essential School Health Grant ends	\$37,981
New Transportation Contract	\$157,977
Final Financing of High School Construction Project (3-Year State House Note)	\$56,780

Compared to past budgets, the FY20 DRAFT Budget greatly benefits from the vote taken January 30 by the Cape Cod Municipal Health Group Board to have a 0% increase in Active employee health and dental insurance for the fiscal year.

Continuation of Strategic Initiatives

Community Engagement Coordinator (and Monomoy Website Manager) – Enhancing communication with our stakeholders, while expanding volunteerism and mentoring within our schools

- Maintain and update the district website, including calendar of events, sports schedules, news, recognitions, and more, and trains staff in the use of this technology
- Ensuring that the entire community is kept up to date on activities happening in the schools, both through the district's own communications and working with local media
- Volunteer recruitment and organization for events and activities within our schools
- Tracking of volunteer hours, both as a way to recognize and celebrate the work done by volunteers in our schools and to quantify that time for potential grant funding
 - More than 700 hours have been donated by school volunteers on the first semester
- Coordination of donations from community organizations, businesses, and individuals for school events and activities
 - For example, local restaurants will be donating food for the MRMS Community Heroes Luncheon in February
- Creation of the Monomoy Lighthouse Leader mentoring program, which matches students with caring adults from the community for one-on-one mentoring.
 - A partial-year pilot program has launched for this school year, and mentor and mentee recruitment will continue over the spring and summer for an even more robust program in the 2019-2020 school year
- Support and facilitation of service projects for students, both within the district and with community organizations.
 - For example, coordinate the MRHS National Honor Society students tutoring before and after school at MRMS

Part of the FY19 Budget Presentations, coupling contractual services funding for website management with \$20,000 in new funds in FY19 to expand to Community Engagement

Expansion of Guided Reading resources to support greater differentiation in English Language Arts instruction at the elementary level, a continuation of K-4 ELA curriculum improvements highlighted in the FY19 Budget

Harwich Elementary \$14,000
Chatham Elementary \$7,950

Strategic Improvements in FY20 DRAFT Budget

Improve district's Science/Engineering focus by shifting from World Language to Science "special" at Elementary level. This will better align our curriculum with the Massachusetts Science and Technology/Engineering Curriculum Framework.	Staffing cost neutral, with science material costs: HES \$10,000 CES \$5,850
Bolster middle school clinical support by expanding position to a full-time clinical counselor (.6 → 1.0 FTE)	\$34,107
Improve special education support at the middle school expanding to a full-time Team Chair (.5 → 1.0 FTE)	\$39,842
Enhance English Language Learner (ELL) supports by adding an additional high school ELL teacher	\$58,015
Additional funding for summer professional development opportunities for teachers, focused on differentiation skills, guided reading proficiency, social-emotional repertoire, and multicultural awareness	\$18,000
Add translation and interpreter services to the school district's budget to support our growing number of ELL families	\$15,000

The DRAFT FY20 Budget

In Detail

Comparative Budgets by Category

		FY20 Draft Budget	FY19 Budget	FY18 Actual	FY17 Actual	FY16 Actual	FY15 Actual
1000	District Leadership & Administration Salaries & Wages	\$688,653	\$688,653	\$945,064	\$951,887	\$847,951	\$853,512
1000	District Leadership & Administration Expenses	\$415,069	\$410,069	\$382,795	\$346,107	\$284,447	\$409,021
2000	Instruction Salaries & Wages	\$18,549,753	\$18,357,563	\$17,494,093	\$16,728,741	\$16,175,914	\$15,046,779
2000	Instruction Expenses	\$1,003,365	\$944,610	\$846,312	\$1,020,692	\$865,727	\$884,357
3000	Other School Services Salaries & Wages	\$874,710	\$825,456	\$784,806	\$749,295	\$667,226	\$648,333
3000	Other School Services Expenses	\$1,988,970	\$1,801,093	\$1,632,453	\$1,583,843	\$1,628,508	\$1,525,209
4000	Operations & Maintenance Salaries & Wages	\$1,417,113	\$1,471,297	\$1,153,274	\$1,114,073	\$1,035,728	\$1,072,424
4000	Operations & Maintenance Expenses	\$1,880,765	\$1,849,369	\$1,665,347	\$1,663,580	\$1,533,944	\$1,501,620
5000	Fixed Charges	\$7,770,608	\$7,471,900	\$6,990,925	\$6,362,336	\$5,827,507	\$5,864,593
9000	Programs With Other School Districts	<u>\$3,699,790</u>	<u>\$3,299,567</u>	<u>\$3,147,156</u>	<u>\$3,031,165</u>	<u>\$2,835,637</u>	<u>\$2,561,647</u>
	Total General Fund Operating	\$38,289,139	\$37,119,577	\$35,042,225	\$33,556,719	\$31,702,589	\$30,367,495
7000	Capital	\$355,000	\$355,000	\$281,008	\$305,000	\$250,000	\$49,864
8000	Debt Retirement & Service	<u>\$2,257,343</u>	<u>\$2,233,776</u>	<u>\$2,324,931</u>	<u>\$2,411,471</u>	<u>\$2,473,481</u>	<u>\$804,423</u>
		\$2,538,776	\$2,538,776	\$2,605,939	\$2,716,471	\$2,723,481	\$854,287
	Total General Fund	\$40,901,482	\$39,708,353	\$37,648,164	\$36,273,190	\$34,426,070	\$31,221,782

FY20

Maintenance & Technology

Maintenance

Monomoy Regional Middle School

Parking lot repairs	\$10,000
Replace Carpet in hallways with Carpet Squares	\$5,000
Roof Repairs	\$10,000
	\$25,000

Monomoy Regional High School

Repaint parking lot lines	\$10,000
Exterior landscaping improvements	\$20,000
Roofing Inspection and Repair as needed	\$5,000
	\$35,000

Technology

Monomoy Regional Middle School

Complete Network Infrastructure - Wireless Upgrade (after erate reimbursement)	\$16,481
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Monomoy Regional High School

Complete Network Infrastructure - Wireless Upgrade (after erate reimbursement)	\$18,114
Chromebooks/Teacher Laptop Replacements	16,000
MAC Lab, Graphics Lab and Robotics Lab	\$41,177

FY20

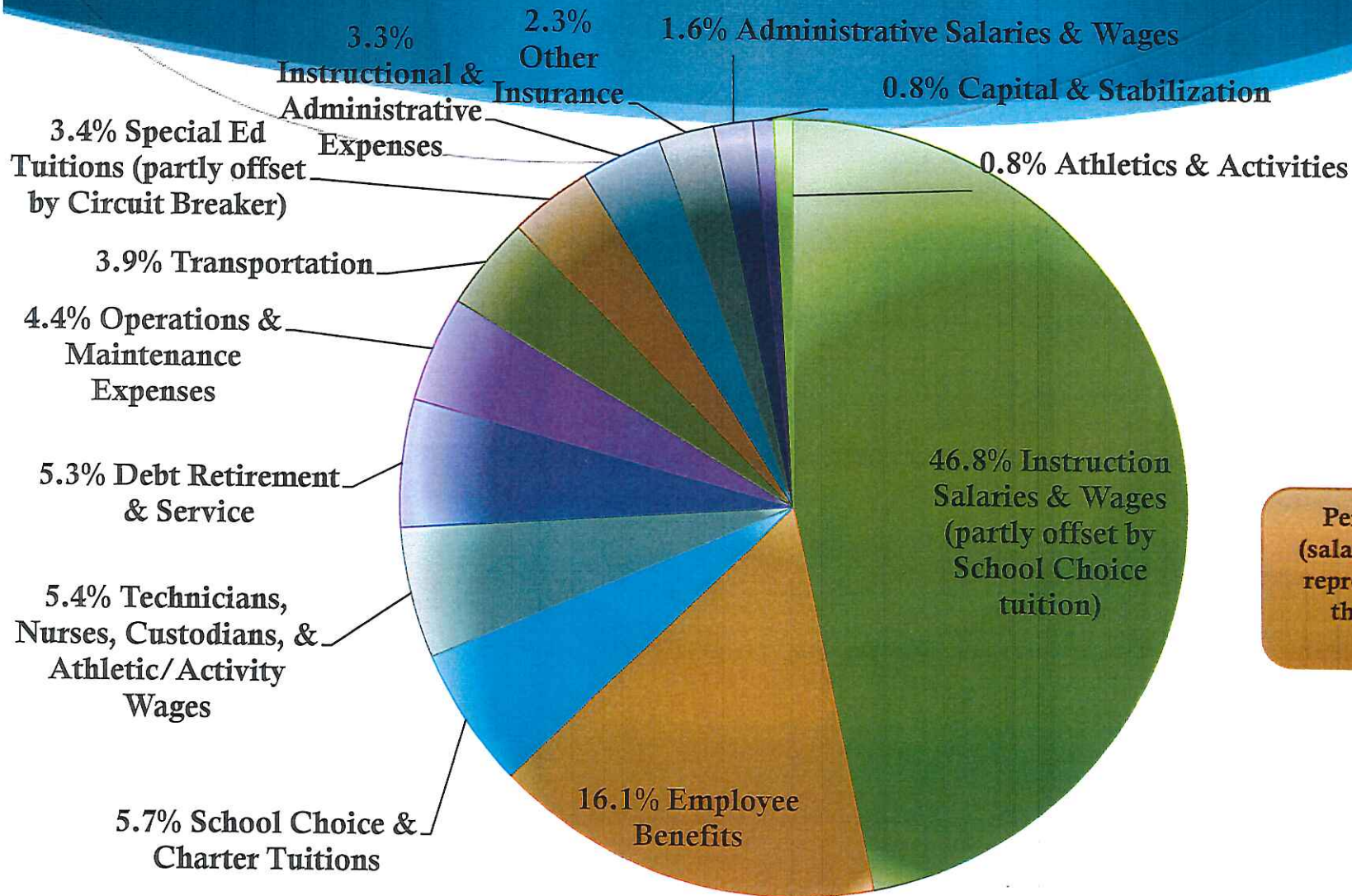
Maintenance & Technology

Maintenance	
Chatham Elementary School	
Tile classrooms (2 to 4)	\$8,000
Roof repairs	<u>\$10,000</u>
	\$18,000
Harwich Elementary School	
Replace Carpet in Activity Room and Room 11	\$15,000
Replace Roof Top Unit	\$15,000
Roof repairs	<u>\$10,000</u>
	\$40,000

Technology	
Chatham Elementary School	
Complete Network Infrastructure - Wireless Upgrade (after erate reimbursement)	Less than \$1000
Harwich Elementary School	
Complete Network Infrastructure - Wireless Upgrade (after erate reimbursement)	Less than \$1000

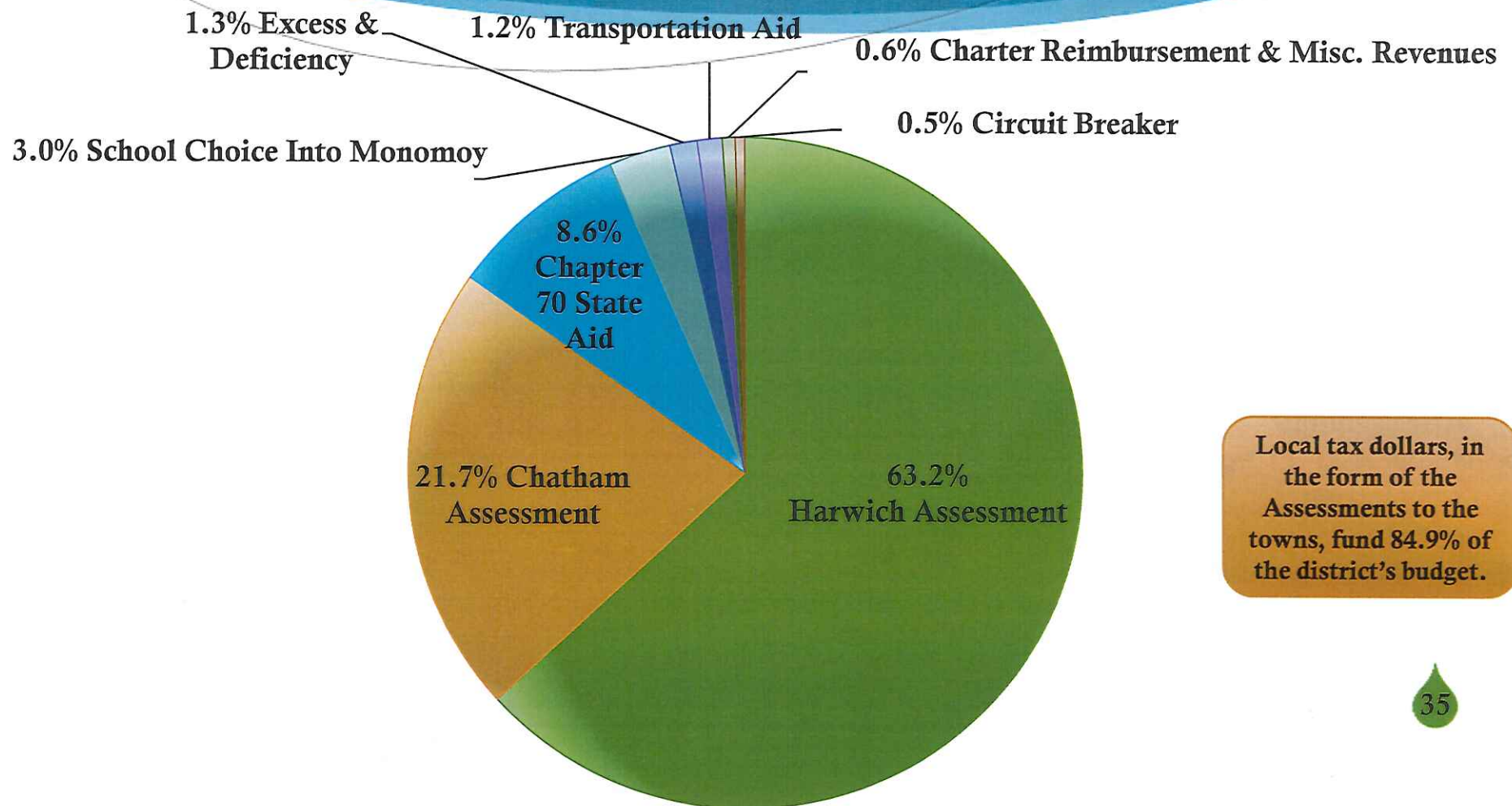
Within the DRAFT FY20 Budget, total combined Maintenance is \$118,000 and Technology is \$187,000 for all four schools. Totaling \$305,000 in addition to \$50,000 Stabilization. Harwich's share of Monomoy's Capital Budget would be \$260,747 and Chatham's \$94,252.

How school funding is used to support the FY20 DRAFT Budget



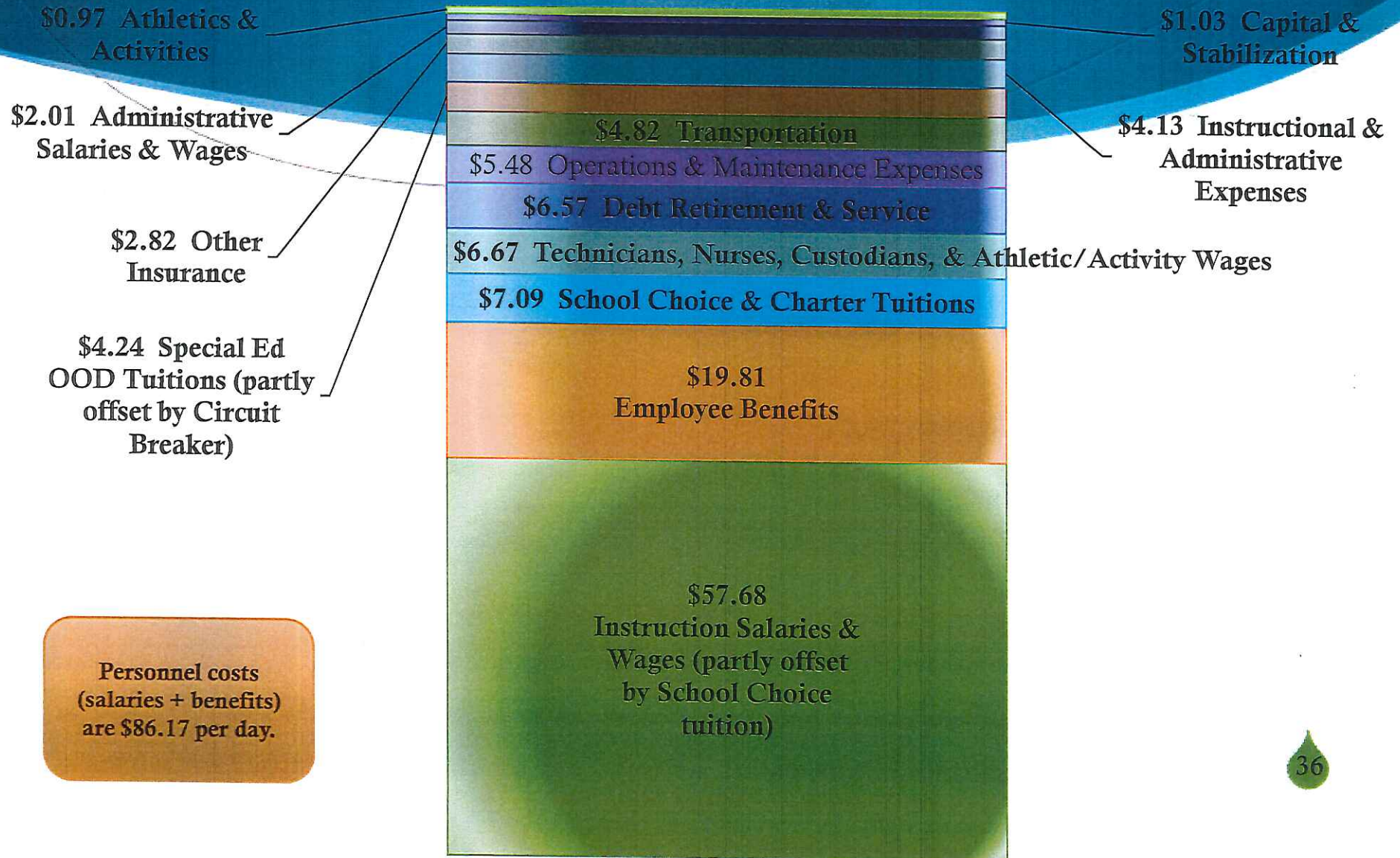
Personnel costs
(salaries + benefits)
represent 69.9% of
the Monomoy
budget.

How the DRAFT FY20 Budget is funded



\$123.32

FY20 Daily Cost to Educate a Monomoy Student



Comparative Budgets by Category

	FY20 DRAFT Budget	FY19 Budget	FY18 Actual	FY17 Actual	FY16 Actual	FY15 Actual
Salaries & Wages	\$21,530,572	\$21,342,969	\$20,377,237	\$19,543,996	\$18,726,819	\$17,621,048
Expenses	\$5,288,169	\$5,005,141	\$4,526,907	\$4,619,222	\$4,312,626	\$4,320,207
Fixed Charges	\$7,770,608	\$7,471,900	\$6,990,925	\$6,362,336	\$5,827,507	\$5,864,593
Programs With Other School Districts	\$3,699,790	\$3,299,567	\$3,147,156	\$3,031,165	\$2,835,637	\$2,561,647
	\$38,289,139	\$37,169,577	\$35,042,225	\$33,556,719	\$31,702,589	\$30,367,495
Capital and Debt Retirement & Service	\$2,612,343	\$2,538,776	\$2,605,939	\$2,716,471	\$2,723,481	\$854,287
Total General Fund	\$40,901,482	\$39,708,354	\$37,648,164	\$36,273,190	\$34,426,070	\$31,221,782

Comparative Budgets by Percent by Category

Expenditure Budget By Percent	FY20 Draft Budget	FY19 Budget	FY18 Actual	FY17 Actual	FY16 Actual	FY15 Actual
Salaries & Wages	52.64%	53.75%	54.13%	53.88%	54.40%	56.44%
Expenses	12.93%	12.60%	12.02%	12.73%	12.53%	13.84%
Fixed Charges	19.00%	18.82%	18.57%	17.54%	16.93%	18.78%
Capital and Debt Retirement & Service	6.39%	6.52%	6.92%	7.49%	7.91%	2.74%
Programs With Other School Districts	9.05%	8.31%	8.36%	8.36%	8.24%	8.20%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Budget Increase Over Prior Fiscal Year

FY20 Draft Budget		FY19 Budget	Δ	%
\$38,289,139	Operating	\$37,119,578	\$1,169,561	3.15%
\$355,000	Capital	\$355,000	\$0	0.0%
<u>\$2,257,343</u>	MRHS Debt	<u>\$2,233,776</u>	<u>\$23,567</u>	<u>1.05%</u>
\$40,901,482		\$39,708,354	\$1,193,128	3.00%

Excluding the unpredictable and unavoidable Out-of-District increases of \$432,500 within this unique budget year, this is only a 1.96% budget increase.

Moving from Budget to Assessment

The district's \$40,901,482 budget does not cost the towns \$40,901,482.

Budget vs. Assessment

- ◆ The Monomoy FY20 Budget is how much it costs to fund the education of children in Harwich and Chatham.
- ◆ The Assessment is how much each town pays to fund the Monomoy Regional School District according to the formula in the district's Regional Agreement.
- ◆ Chapter 70 State Aid is anticipated to offset the cost of funding our schools by almost \$3.24M. The school district also receives funding from the state to defray the cost of bus transportation, expensive Special Education placements (Circuit Breaker), and a small portion of charter school tuitions.
- ◆ Each town also has a “minimum required contribution,” calculated by the State, using the number of school aged children in the town attending public schools and real estate and income wealth within the town.
- ◆ The enrollment of students attending public schools in each town is calculated using three-year rolling average of the enrollments to determine how much each town pays for the Operating, Transportation, Debt, and Capital portions of the Monomoy budget.

FY20 Assessment Drivers

Disproportionately Impacting Harwich

- While there is a slight increase in the three-year rolling average in enrollment for Harwich, there is a significant increase in the Harwich's foundation enrollment (based on October 1, 2018 enrollments) used to calculate minimum required contribution.
- This causes Harwich's FY20 Assessment percentage increase to be significantly more than Chatham's.

	FY20 Minimum Required Contribution	FY19 Minimum Required Contribution	Increase/Decrease
Chatham	\$4,156,810	\$4,309,339	-\$155,764
Harwich	\$12,839,288	\$12,167,534	\$638,961

DRAFT FY20 ASSESSMENT

		\$40,901,482
Chapter 70 State Aid	(\$3,648,903)	Gov's # 1/23/19
E+D	(\$550,000)	
Charter School	(\$86,206)	
Medicaid	(\$155,000)	
Interest	(\$7,500)	
Misc Revenues	(\$13,562)	
		(\$4,461,171)
Non Operating Expenditures		
Transportation	(\$1,254,698)	
Capital	(\$355,000)	
Debt	(\$2,257,343)	
		(\$3,867,041)
Total Operating Assessment		\$32,573,270

FY20 Budget	
\$38,289,139	Operating
\$355,000	Capital
<u>\$2,257,343</u>	Debt
\$40,901,482	

	Harwich	Chatham	Total
Required Minimum Contribution per DESE posted 1/23/19	\$12,839,288	\$4,156,810	\$16,996,098
	Harwich 73.45%	Chatham 26.55%	
Funds Needed to Support District Budget	\$11,441,433	\$4,135,739	\$15,577,172
Operating Assessment Per Member	\$24,280,721	\$8,292,549	\$32,573,270
	Harwich 74.30%	Chatham 25.70%	
Less State Transportation Aid			<u>\$508,010</u>
Transportation Assessment Per Member	\$554,789	\$191,899	\$746,688
FY20 Debt	Harwich	Chatham	
	73.45%	26.55%	
MRHS Bond (principal and interest)	\$1,564,577	\$565,548	\$2,130,125
MRHS \$1.5 mil BAN (interest only)	\$30,764	\$11,120	\$41,884
State House Note Year one P and I	<u>\$62,678</u>	<u>\$22,656</u>	<u>\$85,334</u>
Debt	\$1,658,018	\$599,325	\$2,257,343
	Harwich 73.45%	Chatham 26.55%	
Capital/Stabilization Assessment Per Member	\$260,747.50	\$94,252.50	\$355,000

FY20 Assessment

DRAFT FY20 ASSESSMENT

	Harwich	Chatham	Total
Operating Budget	\$24,280,721	\$8,292,549	\$32,573,270
Transportation	\$554,789	\$191,899	\$746,688
Capital	<u>\$260,748</u>	<u>\$94,253</u>	<u>\$355,000</u>
	\$25,096,258	\$8,578,700	\$33,674,958
Debt	<u>\$1,658,018</u>	<u>\$599,325</u>	<u>\$2,257,343</u>
TOTAL FY20 DRAFT ASSESSMENT	\$26,754,276	\$9,178,025	\$35,932,301

FY19 ASSESSMENT

Operating Budget	\$23,282,215	\$8,368,284	\$31,650,499
Transportation	\$430,896	\$149,905	\$580,801
Capital	<u>\$260,038</u>	<u>\$94,963</u>	<u>\$355,000</u>
	\$23,973,149	\$8,613,151	\$32,586,300
Debt	<u>\$1,636,241</u>	<u>\$597,535</u>	<u>\$2,233,776</u>
TOTAL FY18	\$25,609,390	\$9,210,686	\$34,820,076

Δ From FY19 to DRAFT FY20

	Harwich	Chatham	Total
Operating Budget	\$998,506	-\$75,735	\$922,771
Transportation	\$123,893	\$41,994	\$165,887
Capital	<u>\$710</u>	<u>-\$710</u>	<u>\$0</u>
	\$1,123,109	-\$34,451	\$1,088,658
Debt	<u>\$21,777</u>	<u>\$1,790</u>	<u>-\$23,567</u>
	\$1,144,886	-\$32,661	\$1,112,225
	4.47%	-.35%	3.19%

FY20 Assessment

FYI: How the State Calculates Minimum Required Contribution

FY20 Chapter 70 Determination of City and Town Total Required Contribution

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Effort

Goal

FY20 Increments Toward Goal

1)2018 equalized valuation	7,374,670,100	13)Required local contribution FY19	4,410,094
2)Uniform property percentage	0.3418%	14)Municipal revenue growth factor (DOR)	4.36%
3)Local effort from property wealth	25,205,469	15)FY20 preliminary contribution (13 raised by 14)	4,602,374
4)2016 income	329,994,000	16)Preliminary contribution pct of foundation (15 / 8)	88.84%
5)Uniform income percentage	1.4816%	<i>If preliminary contribution is above the target share:</i>	
6)Local effort from income	4,889,253	17)Excess local effort (15 - 10)	328,369
7)Combined effort yield (3 + 6)	30,094,722	18)100% reduction toward target (17 x 100%)	328,369
8)FY20 Foundation budget	5,180,612	19)FY20 required local contribution (15 - 18), capped at 90% of foundation	4,274,005--
9)Maximum local contribution (82.5% * 8)	4,274,005	20)Contribution as percentage of foundation (19 / 8)	82.50
10)Target local contribution (lesser of 7 or 9)	4,274,005	<i>If preliminary contribution is below the target share:</i>	
11)Target local share (10 as % of 8)	82.50%	21)Shortfall from target local share (11 - 16)	
12)Target aid share (100% minus 11)	17.50%	22)Added increment toward target (13 x 1% or 2%)*	
		*1% if shortfall is between 2.5% and 7.5%; 2% if shortfall > 7.5%	
		23)Special increment toward 82.5% target**	
		**if combined effort yield > 175% foundation & target local share = 82.5%	
		Combined effort yield as % of foundation	
		24)Shortfall from target after adding increments (10 - 15 - 22 - 23)	
		25)FY20 required local contribution (15 + 22 + 23)	
		26)Contribution as percentage of foundation (25 / 8)	

****The Required Minimum Contribution Amount includes Cape Cod Tech For FY20 the amount is Monomoy \$4,156,739 + Cape Tech \$117,195 = \$4,274,005**

FY20 Chapter 70 Determination of City and Town Total Required Contribution

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Effort Goal

FY20 Increments Toward Goal

1)2018 equalized valuation	5,697,974,900	13)Required local contribution FY19	13,269,997
2)Uniform property percentage	0.3418%	14)Municipal revenue growth factor (DOR)	4.13%
3)Local effort from property wealth	19,474,787	15)FY20 preliminary contribution (13 raised by 14)	13,818,048
		16)Preliminary contribution pct of foundation (15 / 8)	82.27%
4)2016 income	438,184,000		
5)Uniform income percentage	1.4816%	<i>If preliminary contribution is above the target share:</i>	
6)Local effort from income	6,492,217	17)Excess local effort (15 - 10)	
		18)100% reduction toward target (17 x 100%)	
7)Combined effort yield (3 + 6)	25,967,004	19)FY20 required local contribution (15 - 18), capped at 90% of foundation	
		20)Contribution as percentage of foundation (19 / 8)	
8)FY20 Foundation budget	16,796,148		
9)Maximum local contribution (82.5% * 8)	13,856,822	<i>If preliminary contribution is below the target share:</i>	
		21)Shortfall from target local share (11 - 16)	0.23%
10)Target local contribution (lesser of 7 or 9)	13,856,822	22)Added increment toward target (13 x 1% or 2%)*	0
		<i>*1% if shortfall is between 2.5% and 7.5%; 2% if shortfall > 7.5%</i>	
11)Target local share (10 as % of 8)	82.50%	23)Special increment toward 82.5% target**	0
12)Target aid share (100% minus 11)	17.50%	<i>**if combined effort yield > 175% foundation & target local share = 82.5%</i>	
		Combined effort yield as % of foundation	
		24)Shortfall from target after adding increments (10 - 15 - 22 - 23)	38,774
		**25)FY20 required local contribution (15 + 22 + 23)	13,818,048
		26)Contribution as percentage of foundation (25 / 8)	82.27%

****The Required Local Minimum Contribution Amount includes Cape Cod Tech
For FY20 the amounts are Monomoy \$12,839,288 + Cape Tech \$978,760 = \$13,818,048**